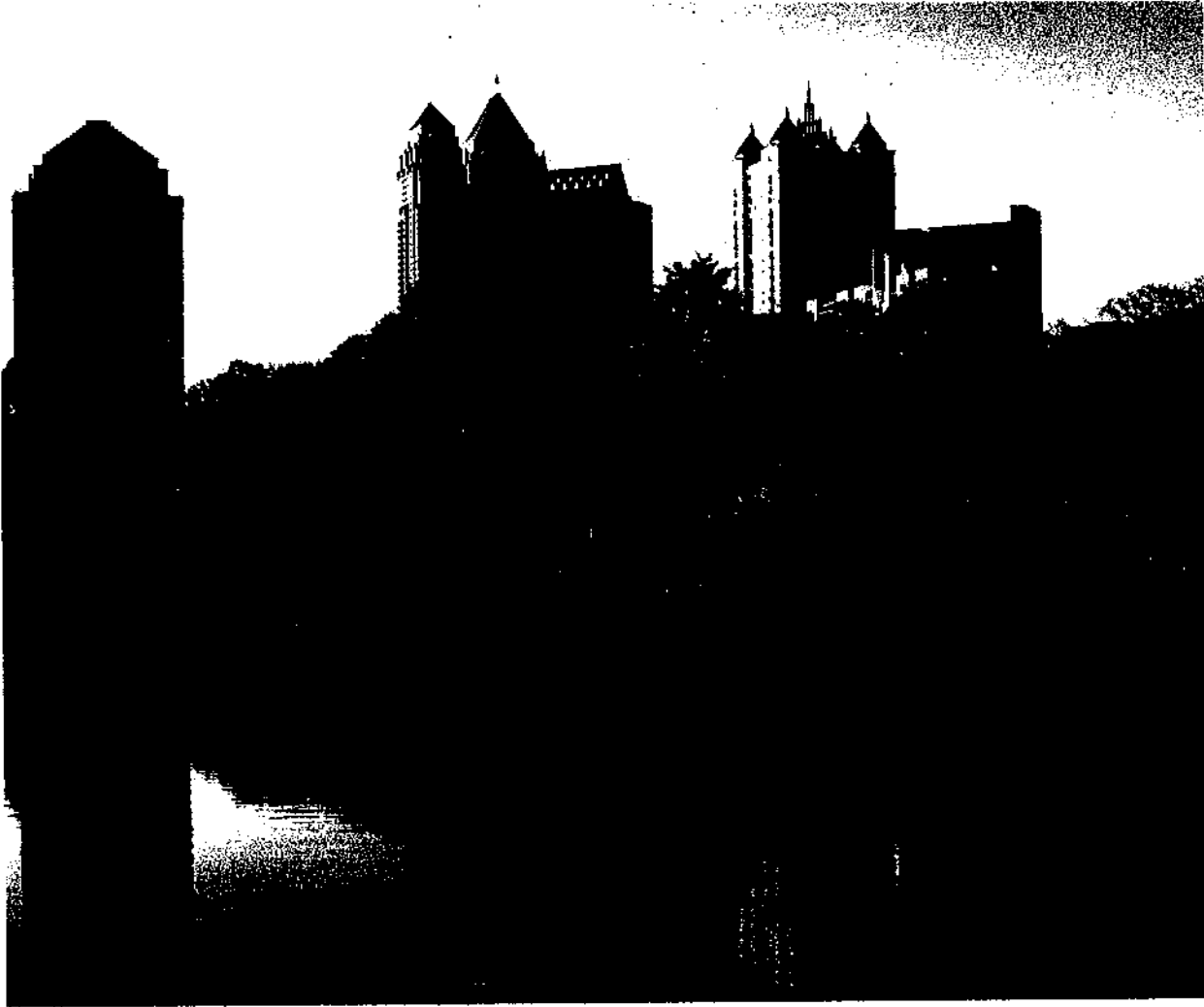


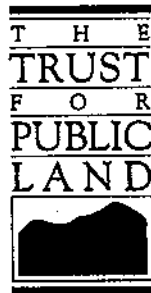
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# **The Excellent City Park System**

**What Makes it Great, and How to Get There**



**OCTOBER, 2002**

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The mission of the Trust for Public Land is to conserve land for people to improve the quality of life in our communities and to protect our natural and historic resources for future generations.

TPL's Green Cities Program, begun in 1994, works to increase parkland and improve park systems in urban areas, with a particular emphasis on underserved communities.

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sphere that began to receive true intellectual inquiry was the new field of the "urban natural area" — the preservation of wetlands, deserts, forests and grasslands purely for their ecological values and benefits.

The effort to revive city park systems has slowly gained momentum. In 1972 the Trust for Public Land (TPL) was founded, the first conservation organization to have an explicit urban component to its work. At the same time, fledgling neighborhood groups began forming to save particular parks, either through private fundraising or through public political action. There arose a new appreciation of the genius and work of Frederick Law Olmsted, and in 1980 the Central Park Conservancy was founded. In that same year, pioneering research and observation by William H. Whyte resulted in the publication of the book *The Social Life of Small Urban Spaces* and the formation of the Project for Public Spaces. The rise of the urban community gardening movement and the spread of park activism to other cities led in 1994 to a \$12 million commitment by the Lila Wallace-Reader's Digest Foundation and the creation of the Urban Parks Institute and the City Parks Forum. Meanwhile, city park directors formed their own loose network through

the Urban Parks and Recreation Alliance.

Recently, many older cities such as Chicago, Boston, Washington and Cleveland have begun to bounce back from years of population loss and fiscal decline. With new residents and a greater sense of optimism, these places are seeking to consolidate their gains, take advantage of their strong geographies and histories, and become even more competitive. On the other side of the country, in fast-growing, low-density places like Charlotte, Dallas and Phoenix, planners are belatedly trying to create vibrant downtowns and more walkable neighborhoods for a more cohesive urban identity. In



old cities and new there is tremendous interest in using parks to help shape revitalization.

## Revitalizing City Parks

**D**uring the height of the city parks movement, from about 1890 to 1935, a vast effort was made to plan for parkland, to understand the relationship between parks and surrounding neighborhoods, and to measure the impact of parks on youth and other users. Leaders in Boston, Buffalo, Seattle, Portland, Denver, Baltimore and elsewhere were proudly and competitively trying to convert their cities from drab, polluted industrial cores into beautiful, culturally uplifting centers. They knew that a well designed and maintained park system was integral to that mission.

Inspired by Frederick Law Olmsted's Emerald Necklace in Boston and boulevard systems in Minneapolis and Kansas City, many cities sketched out interconnected greenways linking neighborhoods, parks and natural areas. Careful measurements were made of the location of parks and the travel distance (by foot, generally) for each neighborhood and resident. The field of park research was greatly assisted by the federal government through the National Conference on Outdoor Recreation, which provided

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**ATTENDEES, URBAN PARKS COLLOQUIUM,  
HOUSTON, TEX., OCTOBER 10-11, 2001**

Twenty-eight urban and park experts met for two days in Houston in October, 2001 to discuss in detail what attributes make for an excellent city park system. Culling through scores of factors and hundreds of observations, the group compressed the variables into eight principle measures. Based on these measures, detailed surveys were sent to the park directors of the systems in the biggest cities. This report is based on the deliberations in Houston combined with the results of the surveys.

The Trust for Public Land wishes to express its deep thanks and appreciation to the group of experts which gave so generously of their time, knowledge and insights. TPL also thanks the leadership and top staff of the park agencies for taking so much time to ferret out answers to the numerous challenging questions posed by the survey. It is our hope that the information thus gleaned will benefit city park efforts everywhere far into the future.

**Gayle Berens**, Urban Land Institute, Washington, D.C.

**Charles Beveridge**, Frederick Law Olmsted Papers, Washington, D.C.

**Kathy Blaha**, Trust for Public Land, Washington, D.C.

**Ken Bounds**, Seattle Dept. of Parks and Recreation, Seattle, Wash.

**John Crompton**, Dept of Recreation, Park and Tourism Sciences, College Station, Tex.

**Dan Dustin**, Florida International University, Port Charlotte, Fla.

**Caryn Ernst**, Trust for Public Land, Washington, D.C.

**Mary Eysenbach**, City Parks Forum, Chicago, Ill.

**Jere French**, Author, *Urban Green*, Gulf Breeze, Fla.

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**Peter Harnik**, Trust for Public Land, Washington, D.C.

**Mark Johnson**, Civitas, Denver, Colo.

**Nancy Kafka**, Trust for Public Land, Boston, Mass.

**Dale Larson**, Phoenix Dept of Parks and Recreation, Phoenix, Ariz.

**Roksana Okan-Vick**, Friends of Hermann Park, Houston, Tex.

**Joan Reilly**, Philadelphia Green, Philadelphia, Pa.

**Maltroy Roy**, Philadelphia Green, Philadelphia, Pa.

**Oliver Spellman**, Houston Parks and Recreation Dept., Houston, Tex.

**Lee Springgate**, Point Wilson Group, Port Townsend, Wash.

**Eric Tamulonis**, Wallace Roberts Todd, Philadelphia, Pa.

**Tim Tompkins**, Partnerships for Parks, New York, N.Y.

**Erma Tranter**, Friends of the Parks, Chicago, Ill.

**Joe Wynns**, Indianapolis Parks and Recreation Department, Indianapolis, Ind.

**Leon Younger**, Leon Younger & Pros, Indianapolis, Ind.

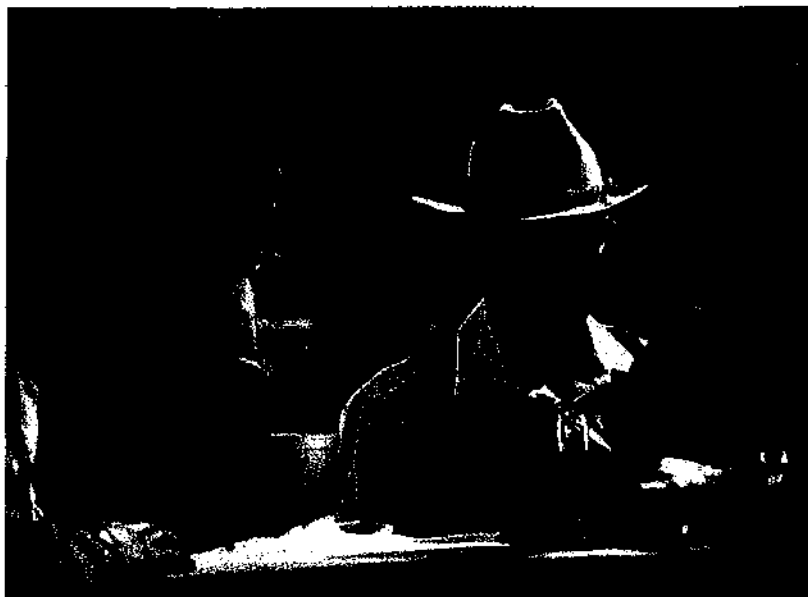
do only a few things really well, Claypool was shocked to discover that the Chicago Park District had 13 divisions, only one of which was called "parks." Going back to the agency's mission statement, he privatized much of the work,

- Does your agency have  
— a written legislative mandate?
- a written mission statement?
- a written set of defined core services?
- Does your agency publish a publicly available annual report? If so, how often does it come out?

downsized to six divisions, and decentralized. Within less than a decade, the Park District was attracting wide notice for its excellence.

Lastly, to inform the public, the

department should regularly publish an annual report summarizing its system and programs and showing how closely it came to fulfilling its mandate. Only 31 (54 percent) of agencies surveyed publish an annual report, and five of those do not maintain a yearly schedule. Worse, most of the reports largely provide "soft" concepts and images rather than hard, factual information, such as number of activities held, number of people served, and other specific outcomes and measurable benefits. Few agencies give a comprehensive budgetary report, and fewer still look honestly at challenges that weren't adequately met and how they could be better tackled in the future.



#### EXCELLENT PRACTICE

### A TOP NOTCH ANNUAL REPORT MINNEAPOLIS PARK AND RECREATION BOARD

The ideal annual report is numerically precise, factually complete, and attractively readable. In short, it is a yearly document that elucidates park successes (and failures) and also elicits pride in the system.

One of the most outstanding annual reports is produced by the Minneapolis Park and Recreation Board. In addition to recounting in detail the year's events and highlights, the report takes the extra step of giving certain projects context by showing how they tie in with developments in the city as a whole. Also unusual (and courageous!), it doesn't shy away from reporting on various problems — such as tree loss to Dutch Elm disease, pollution of the city's lakes or crime in certain parks — and what is being done to address them. To feature partnerships and activists, it lists the name of virtually every individual and corporation who donated time and money. Finally, the report provides exceptionally detailed, complete and useful financial numbers.

Production of the 60- to 80-page annual report costs about \$20,000 (in addition to staff time), takes about eight months and is handled by one staff member working with outside consultants. The agency prints 1,000 copies, which are distributed to all city elected officials, all neighborhood associations, the media, key partner companies and organizations, and are also placed in every library and in the office of every staffed park.

## PLANNING AND PARTNERSHIPS

### SEATTLE DEPARTMENT OF PARKS AND RECREATION

"Seattle does planning morning, noon and night," jokes Kevin Stoops, manager of major projects and planning for Seattle's Department of Parks and Recreation. It also has an extraordinary web of partnerships with non-profit service providers.

Creation of the agency's 2000 park plan actually began five years earlier in a completely separate department — the Department of Neighborhoods. Over that period, Neighborhoods worked with residents to create individual plans for 38 different neighborhoods. Only then did Parks and Recreation become involved to determine what residents wanted in terms of greenspace in their communities.

To start, the Parks Department spelled out everything it had promised each neighborhood and showed what had been delivered — and what hadn't — from the previous plan. Since much had been accomplished, it produced an upbeat marketing brochure, *Ideas Into Actions*, which it handed out at public meetings and mailed to community organizations.

After the neighborhood sessions, staff met with its various advisory councils and created a draft plan. Using a consultant, the agency presented the draft at three three-hour public workshops (held on weekday evenings to allow for public involvement). To market the meetings, the department made announcements in the *Seattle Times*, bought ad space in neighborhood weekly newspapers, and mailed to hundreds of community groups and individuals; a total of about 100 people attended.

Based on comments from the public, a revised paper was presented to the Board of Parks Commissioners, the department's citizen review board, after which a final version went to the city council for a vote. The process took over a year, involved the part-time work of four staff people plus the consultant, and cost about \$70,000.

As for public/private partnerships, Seattle's Department of Parks and Recreation has an extraordinary 335 contracts with non-profit organizations including Seattle Works, the YMCA, Earth Corps, school groups and ecology clubs, which collectively make up most of the volunteer base for the agency. Theresa McEwan, volunteer coordinator for the department, explains, "We're not just getting volunteers, but activists and partners. We benefit from their work, while hopefully fostering a sense of stewardship."

In some cases the department organizes events and provides the necessary tools, while the partners bring the volunteers. At other times a non-profit creates the special event, such as Seattle's United Day of Caring, where hundreds of corporations let employees take the day off to participate.

Interestingly, even though Seattle spends more on parks, per capita, than any other large city, it is still not enough. Therefore, the Parks and Recreation Department has an ambitious and extensive Adopt-a-Park program.

The adoption of a park usually begins with the interest of a single citizen, although the level of work generally requires the evolution of a full-fledged "friends" group. The process begins when a need, such as a play area or an ecological restoration, is identified. Staff from the department then meet on site with community members to discuss feasibility, standards, rules and expenses. Next, the citizen group applies for a grant through the Department of Neighborhoods, and, if accepted, hires necessary assistance (such as a planner or restorationist). When on-the-ground restoration begins, the group officially signs a memorandum of agreement as an Adopt-a-Park collaborator.

Since the relationship involves considerable support work by the agency, Seattle takes these partnership very seriously. To sign an Adopt-a-Park contract, the group must agree to at least a five-year plan and must show the agency it has the ability to do the work and stay in for the long haul.

higher level of service through public-private partnership, it also provides the agency with stronger private-sector political support if and when that is needed.

Park and recreation agencies seem well attuned to partnerships; in our survey the average agency had contracts with 35 non-profit organizations. (However, this

number may be misleadingly high because of two agencies with hundreds of partners; many others had only two or three.)

## INCREASING LANDHOLDINGS, ASSURING REVENUE CHICAGO PARK DISTRICT

Despite its world-famous lakefront park system and a park agency that is better funded than any other in the country, Chicago has a shortage of parkland. But, under the leadership of Mayor Richard M. Daley, the city has embarked on an ambitious and thoughtful effort to acquire additional land to more equitably serve its residents.

Called the CitySpace Plan, it is a joint program of the city, the Chicago Park District, the Forest Preserve District of Cook County, and the Chicago Public Schools. Finding that 63 percent of Chicagoans lived in neighborhoods where parks are either too crowded or too far away, CitySpace in 1993 set out to methodically gain open space in five ways:

- \* convert asphalt schoolyards and portions of school parking lots to grass fields
- \* create trails, greenways and wildlife habitat alongside inland waterways such as the Chicago River and Lake Calumet
- \* turn vacant, tax-delinquent private lots into community gardens
- \* redevelop abandoned factories into mixed-use developments that include parkland
- \* build parks on decks over railyards

Before plunging into this formidable task, the planners carried out a detailed study of virtually every square foot of the city, identifying both community needs and each parcel of public and private open space. They also worked with more than 100 other government agencies and civic, community and business organizations to reach a full understanding of the many economic and regulatory processes which tend to stimulate (or prevent) the creation of parkland. By the end of the analysis, the CitySpace team was able to use the incredible complexity of Chicago's bureaucracy to its advantage instead of being stymied by it. Among the action steps developed were specific strategies to acquire funding, to make it easier to obtain abandoned, tax-delinquent properties, to mandate open space in special redevelopment zones, and to change zoning laws.

The outcome has been impressive. Since 1993, under guidance of the CitySpace plan, Chicago has added 99 acres to its park system, 150 acres to its school campus park network, a 183-acre prairie for a future state open space reserve, and two miles of privately owned but publicly accessible riverfront promenade. The city has also leased 10 acres along the Chicago River and provided permanent protection of 40 community gardens. The total cost of this increase has been in excess of \$30 million.

One reason the Chicago Park District has been able to afford land acquisition in a staggeringly expensive market is that the agency is authorized to receive a portion of the city's property tax. This guaranteed source of revenue not only shields the Park District from city council politics and cutbacks, it also enables the agency to issue bonds since lenders know that repayment is guaranteed from tax revenue.

"The Cityspace Plan enabled us to focus our acquisitions in the geographical areas of need," said Bob Megquier, director of planning and development for the Park District. "It may be a slow and costly process, but at least we know that we are putting our resources in the right places."

Only a handful of other city park agencies have a charter which mandates receipt of a portion of the property tax, and most of them are among the better-funded departments. Chicago Park District, for instance, spends \$123 per resident, more than all but four of the big-city park agencies.

than the average is doing even worse.

Moreover, there should be an effective, complementary private fundraising effort — preferably one that serves not only signature parks but also the whole system.

Although private efforts should never be designed to let the local government "off the hook," they can be valuable in undertaking monumental projects or in raising work to levels of beauty and extravagance that cities alone

could not afford. They are also effective in mobilizing the generosity of corporations, foundations and wealthy individuals who would otherwise not contribute to government agencies.

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## EXCELLENT PRACTICE

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### ACCESSIBILITY FOR THE HANDICAPPED VIRGINIA BEACH, VA., PARKS AND RECREATION DEPT

To allow access by all handicapped and physically challenged residents and visitors, the city of Virginia Beach, Virginia, has a three-part process that assures factual input, provides public funding and guarantees follow-through. Behind it all stands the interest and commitment of Mayor Myra Hogendorf.

The linchpin is the Mayor's Committee for the Disabled which consists of a broad cross-section of agency staff, private non-profit representatives and members of the general public. Meeting monthly, the committee provides ideas to the government and also watches that the disabled are properly served.

"Since most buildings have already met the government's requirements under the Americans with Disability Act (ADA)," explained Robert Barnaby, chair of the committee, "a major focus of the committee is now on parks." "The biggest need was for accessible bathrooms," said Barnaby, "and most of those have been completed by now. Another major need is for trails across the dunes and the beach to the water."

As for implementation, the parks department, working with representatives from the disabled community, does a "sweep" through a given park, identifies all the problems and then tries to fix them all under the same contract at the same time. In addition to restrooms, this includes putting in curb cuts, widening walkways, assuring that paved surfaces are either concrete or asphalt (not paver blocks), improving transition points from pavement to mulch, installing accessible playground equipment, and using different textured surfaces to assist the blind and elderly.

The next goal is to help people with disabilities get from the neighborhoods to the park.

equitable access for those who can't pay full price. While it is acceptable to charge appropriate fees for a variety of park facilities

and programs, agencies should consciously plan for the approximately 20 percent of residents who cannot afford such fees, uti-

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## EXCELLENT PRACTICE

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### ASSURING OPPORTUNITY FOR LOW-INCOME USERS PORTLAND, ORE., DEPARTMENT OF PARKS AND RECREATION

"In Portland there is an overriding expectation that we will not allow poverty to be a barrier to participation in our park and recreation system," says Lisa Turpel, Recreation Division Manager of Portland Department of Parks and Recreation.

To carry out that mandate, the department states on every one of its written documents, "If you need financial assistance, talk to our staff." Those who request assistance are given a form which inquires about family income (self-reported and unverified). Based on the results (which are pegged to the federal government's qualification schedule for free and reduced fee school lunches), they may be offered scholarships ranging from 25 percent to 100 percent of the cost of a program. There is a limitation of one scholarship per person per quarter.

The program ends up costing the department less than five percent of its revenue. One Portland community center brought in \$980,000 in a recent year while providing \$48,000 in scholarships. Another, in a wealthier section, earned \$1.6 million and gave scholarships worth \$35,000.

"Most people ask only when they really need it," explains Turpel. "The tricky part is to make sure that you're hearing from enough of the people who have the need. Just having to request scholarship assistance can be a barrier to many, particularly among seniors."

Those who are offered full scholarships are asked if they can undertake some simple but valuable duties for the agency, and many jump at the chance, according to Turpel. Among the jobs are stuffing envelopes, setting up a room for a class, helping with general clean-up, and answering the phone. One woman offered to sort through a large lost-and-found bag, throw out the worthless items, wash the rest and bring them back.

lizing such alternatives as scholarships, fee-free hours or fee-free days, or sweat-equity volunteer work.



— i.e., rounds of golf played, number of youth athletic team games, admissions to swimming pools or skating rinks, etc. But a substantial number of agencies mistakenly substitute this rather small number instead of using the much larger number of total users. This lack of basic information is in stark contrast to, for instance, the transportation department, the school system, the welfare department, the public library, all of which can make a strong factual case justifying their budget requests.

As for user satisfaction, most agencies rely on informal feedback such as letters of complaint or messages relayed back by the staff. Not only is this ineffective — lack of rigor, lack of accuracy, lack of replicability — it also tends to result in a park system that meets the efficiency needs of the provider rather than the comfort needs of the user (most infamously, the problem of bathrooms that are always locked).

Naturally, it is not possible to accurately count all the passive users of a system. However, observation, selective counts and extrapolations — repeated over time — can provide meaningful data. Chicago takes aerial photos of large events and then uses a grid to count participants. The city also sets up electronic counters to measure the number of users passing a given point.

## EXCELLENT PRACTICE

### KNOWING ABOUT USERS continued

and helps reinforce the professional views of the agency. The polling is also more extensive than that normally done by city agencies.

The company surveys a random sample of residents in each park planning district, including 500 youths between the ages of 12 and 16. Respondents include park users and non-users, and all are asked to rate the parks, recreation opportunities and open spaces in Fort Worth. The survey tracks many variables, including frequency of use, time spent in parks, time of day when visits occur, day of week preference and such issues as taking out-of-town visitors to parks. It focuses on customer satisfaction as well as on preferences and priorities. (For example, in 2001 residents favored restoring parks to buying more land.) Citizens are also asked what new facilities would benefit them, from water fountains to parking spaces to hiking trails. As a result the department is regularly informed of areas that need improvement as well as what's working successfully.

In 2001, 66 percent of those surveyed said they used the parks at least once; extrapolating to the full population of Fort Worth, that comes to 364,000 users. Of course, the total number of uses (or user-days) is much higher since some people visit the parks every day. Although the agency does not have the budget to conduct a visual or electronic count of users, an extrapolation of the times-of-use data projects a total annual park visitorship of 43 million uses.

Designing and conducting the survey the first time cost about \$30,000. From then on, using a similar survey and fewer respondents, the cost dropped to about \$15,000 each time. In the future the department hopes to conduct the survey every other year.

- What is the yearly use of the park system (i.e., user-days)? What is the usership by time of day; by park; by activity; and by user demographics?
- Is there at least one full-time person in the park agency (or elsewhere in the city government) devoted to surveying park users and non-users, and analyzing the surveys? If so, how often are surveys conducted?

- How many uniformed park personnel does your agency have (i.e., park police, rangers, outdoor park workers or visible/recognizable volunteers in the parks) or contract with (i.e., uniformed staff of partner organizations)?
- Do you systematically collect data on crimes in parks?
- Do you systematically collect data comparing youth crime rates with the provision of recreational services?
- What is your system's ratio of male to female users, preferably on a park-by-park basis?

Again, the excellent park system actually tracks youth crime by neighborhood over time in an effort to determine whether targeted recreation programs are having success.

Basic to any crime-fighting strategy is the accurate, regular collection of crime data in parks and, preferably, near parks, since parks and their surrounding neighbor-

hoods are interrelated. (Unfortunately, only about half the surveyed agencies collect this data and, of those that do, most have no strategy to use the information.) Another valuable piece of information is the ratio of male to female users in each park since a low level of female users is a very strong indication of a park which feels unsafe.

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#### EXCELLENT PRACTICE

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### ELIMINATING HAZARDS CLEVELAND METROPARKS

With 20,000 acres of parkland, Cleveland Metroparks encompasses a broad spectrum of recreational land and activities in Cleveland and its suburbs. This diversity "brings with it all the risks inherent with being outside," explains Tom Coles, Risk Manager. "We will never be able to identify them all, but we will work to identify and remove potential hazards."

Metroparks takes a proactive approach to health, safety and environmental hazards. It was among the first agencies to install defibrillators (for heart emergencies) in outside locations, and it recently won a governor's award for worker's compensation.

The agency's bi-annual hazard assessment audit form involves a detailed staff inspection of the grounds — from cracked sidewalks to dead limbs high up in trees, and everything between. Even though Ohio law goes a long way toward protecting the agency against being sued for most kinds of injuries, Metroparks seeks to take all reasonable steps to assure the safety of visitors. Whenever accidents do occur, the ranger department (park police) investigates, completes a report, and meets with the risk manager to determine steps to remove the hazard. If necessary, Coles inspects the accident site, occasionally even waiting at the danger point until maintenance comes to repair it.

About 25 injury claims are filed every year, with the agency successfully defending itself on the majority of them. Since Coles was brought on in 1998, the total payout has been less than \$6,000. The agency is also committed to ensuring employee safety, with three different workplace committees meeting monthly to identify hazards to share safety information with staff.

## MEASURING PROPERTY VALUES

### INDIANAPOLIS DEPARTMENT OF PARKS AND RECREATION

It is known that individual parks affect the value of communities and neighborhoods which surround them — positively in the case of well-maintained, well-used parks and negatively in the case of troubled, infrequently-used parks. More than 200 studies have borne out this fact, with the "influence radius" extending about 2,000 feet (two-fifths of a mile) from the park boundary.

The most measurable indicator of community desirability is property value. A systematic tracking of values near parks can help determine the level of interaction between parks and their neighborhoods is.

At present no city comprehensively studies changes in property values near parks. However, Indianapolis' Department of Parks and Recreation has come closer than most with its survey of the economic impacts of the Monon Trail. A former railroad line that was converted into a park for bicycling, skating and walking, the Monon has proved valuable to its neighborhood. In a survey carried out by Indiana University's Eppley Institute, 66 percent of property owners living near the trail felt that it increased the resale value of their property, while only 5 percent felt the opposite. Sixty-four percent felt the trail made their property easier to sell while 10 percent felt the opposite.

The \$60,000 study (which also included research into five trails outside the city) was partially paid for by the state departments of transportation and natural resources.

The initial survey did not elucidate detailed economic information, but the next version will. Using computerized mapping equipment, census data and property sales records from 1998 through 2001, researchers will study the precise impact of all six of the city's major greenways upon housing prices. A future version of the study could conceivably carry out a similar analysis for the entire park system.

up to a radius of about two-fifths of a mile. (Of course, troubled parks can have the opposite result.) The sophisticated park agency regularly collects data (or contracts with a university or other entity to obtain the data) in order to (a) know which of its

parks are positively impacting the surrounding neighborhood and (b) have information to use with the media, the tourism and real estate industries, and even the mayor's office at budget time. Unfortunately, few agencies maintain this database.



of pruners, mowers and other laborers.

Finally, since no system will ever have enough paid staff to accomplish all its goals, the excellent system has a high-visibility, citizen-friendly marketing program whereby members of the public can understand the stewardship of the system and become involved, if they wish.

- How many natural resource professionals — horticulturists, foresters and landscape architects — do you have on staff?
- Is there a natural resource management plan?
- How much did your agency spend in the past fiscal year, broken down by the following categories:
  - (1) landscape and tree maintenance
  - (2) all other maintenance tasks, such as trash and graffiti removal
  - (3) recreational programming
  - (4) administration
  - (5) capital improvements [non-operating budget]
  - (6) land acquisition [non-operating budget]
  - (7) debt service (if any)
- Is there a marketing plan for the park system? If so, what is the marketing effort's budget and how many staff does it have?

# Agency Revenue from Fees, per Capita

(Counting Only Fees Which Are Kept Directly by the Agency)

|   | Budget Yr | Agency Fees Kept | Population | per Capita |
|---|-----------|------------------|------------|------------|
| Chicago Park District                                   | FY '01    | \$0              | 2,896,000  | \$0.00     |
| Colorado Springs Parks and Recreation Department        | FY '00    | \$0              | 361,000    | \$0.00     |
| Dallas Parks and Recreation Dept                        | FY '01    | \$0              | 1,189,000  | \$0.00     |
| Denver Parks and Recreation Department                  | FY '01    | \$0              | 555,000    | \$0.00     |
| Fairmount Park Commission (Philadelphia)                | FY '01    | \$0              | 1,518,000  | \$0.00     |
| Fresno Parks, Recreation and Community Services         | FY '01    | \$0              | 428,000    | \$0.00     |
| Honolulu Department of Parks and Recreation             | FY '01    | \$0              | 876,000    | \$0.00     |
| Memphis Division of Park Services                       | FY '02    | \$0              | 650,000    | \$0.00     |
| Miami Parks and Recreation Department                   | FY '01    | \$0              | 362,000    | \$0.00     |
| Nashville/Davidson Metro Bd of Parks & Recreation       | FY '00-01 | \$0              | 545,000    | \$0.00     |
| Oakland Office of Parks, Recreation, & Cultural Affairs | FY '01-02 | \$0              | 399,000    | \$0.00     |
| Oklahoma City Dept of Parks and Recreation              | FY '02    | \$0              | 506,000    | \$0.00     |
| San Diego Park and Recreation Department                | FY '01    | \$0              | 1,223,000  | \$0.00     |
| San Jose Parks, Recreation & Neighborhood Services      | FY '01-02 | \$0              | 895,000    | \$0.00     |
| Tampa Recreation Department                             | FY '01    | \$0              | 303,000    | \$0.00     |
| Toledo Department of Parks, Recreation, and Forestry    | FY '01    | \$0              | 314,000    | \$0.00     |
| Tucson Parks & Recreation                               | FY '01    | \$0              | 487,000    | \$0.00     |
| National Capital Region, National Park Service (D.C.)   | FY '02    | \$1,600          | 572,000    | \$0.00     |
| Philadelphia Department of Recreation                   | FY '01    | \$72,123         | 1,518,000  | \$0.05     |
| Boston Dept of Parks and Recreation                     | FY '01    | \$55,000         | 589,000    | \$0.09     |
| Tampa Parks Department                                  | FY '01    | \$37,000         | 303,000    | \$0.12     |
| New York City Dept of Parks and Recreation              | FY '01    | ,000,000         | 8,008,000  | \$0.12     |
| Metropolitan District Commission (Boston)               | FY '02    | \$83,000         | 589,000    | \$0.14     |
| Mecklenburg County Parks and Recreation                 | FY '01    | \$170,000        | 695,000    | \$0.24     |
| San Antonio Parks and Recreation Department             | FY '00-01 | \$450,000        | 1,145,000  | \$0.39     |
| Jacksonville Dept of Parks, Recreation & Entertainment  | FY '01    | \$413,000        | 736,000    | \$0.56     |
| Columbus Recreation and Parks Department                | FY '01    | \$569,000        | 711,000    | \$0.80     |
| Tower Grove Park Commission (St. Louis)                 | FY '02    | \$319,000        | 348,000    | \$0.92     |
| Cleveland Dept of Parks, Recreation & Property          | FY '01    | \$517,000        | 478,000    | \$1.08     |

|   | <i>Budget Yr</i> | <i>Agency Fees Kept</i> | <i>Population</i> | <i>per Capita</i> |
|---|------------------|-------------------------|-------------------|-------------------|
| New Orleans Parks and Parkways Department           | FY '01           | \$555,000               | 485,000           | \$1.14            |
| Baltimore City Dept of Recreation and Parks         | FY '01           | ,030,000                | 651,000           | \$1.58            |
| District of Columbia Dept. of Parks and Recreation  | FY '01           | \$983,040               | 572,000           | \$1.72            |
| Atlanta Dept of Parks and Recreation                | FY '01           | \$745,000               | 416,000           | \$1.79            |
| Houston Parks and Recreation Department             | FY '01           | ,734,000                | 1,954,000         | \$2.42            |
| Cincinnati Park Board                               | FY '01           | \$879,000               | 331,000           | \$2.66            |
| Forest Preserve District of Cook County (Chicago)   | FY '01           | ,645,000                | 2,896,000         | \$3.33            |
| Audubon Nature Institute                            | FY '01           | ,760,000                | 485,000           | \$3.63            |
| Las Vegas Parks and Open Spaces Division            | FY '01           | ,565,000                | 478,000           | \$5.37            |
| Indianapolis Parks and Recreation Dept              | FY '01           | ,328,000                | 792,000           | \$5.46            |
| Phoenix Department of Parks and Recreation          | FY '00-01        | ,374,000                | 1,321,000         | \$5.58            |
| Mesa Parks, Recreation & Cultural Division          | FY '00-01        | ,253,000                | 396,000           | \$5.69            |
| Los Angeles Dept of Recreation and Parks            | FY '00-01        | ,490,000                | 3,695,000         | \$6.09            |
| Minneapolis Park and Recreation Dept.               | FY '01           | ,143,000                | 383,000           | \$8.21            |
| Louisville and Jefferson County Parks Department    | FY '01-02        | ,700,000                | 694,000           | \$8.21            |
| Sacramento Office of Parks and Recreation           | FY '01-02        | ,300,000                | 407,000           | \$10.57           |
| Fort Worth Parks and Community Services             | FY '00-01        | ,150,000                | 535,000           | \$11.50           |
| Kansas City, Mo., Dept of Parks, Recreation & Blvds | FY '01-02        | ,335,000                | 442,000           | \$12.07           |
| Austin Parks and Recreation                         | FY '01           | ,107,000                | 657,000           | \$15.38           |
| Milwaukee County Parks                              | FY '00           | ,769,000                | 940,000           | \$16.78           |
| Portland Parks and Recreation                       | FY '00-01        | ,135,000                | 529,000           | \$21.05           |
| Arlington Parks and Recreation Department           | FY '01           | ,049,000                | 333,000           | \$21.17           |
| New Orleans City Park Improvement Association       | FY '01           | ,980,000                | 485,000           | \$22.64           |
| Virginia Beach Department of Parks and Recreation   | FY '01-02        | ,600,000                | 425,000           | \$27.29           |
| Cincinnati Recreation Commission                    | FY '02           | ,847,000                | 331,000           | \$32.77           |
| Seattle Department of Parks and Recreation          | FY '01           | ,000,000                | 563,000           | \$44.40           |
| Long Beach Parks, Recreation & Marine               | FY '00-01        | ,037,000                | 462,000           | \$52.03           |
| <i>Average, per capita:</i>                         |                  |                         |                   | <b>\$6.34</b>     |

## *Adjusted Park Agency Expenditures (Per Resident)*

| <i>Agency</i>   | <i>Fiscal Year</i> | <i>Spending,<br/>Adjusted*</i> | <i>Dollars per<br/>Resident</i> |
|---|--------------------|--------------------------------|---------------------------------|
| Seattle Department of Parks and Recreation              | FY '01             | \$120,749,000                  | \$214                           |
| San Jose Parks, Recreation & Neighborhood Services      | FY '01-02          | \$165,235,000                  | \$185                           |
| Minneapolis Park and Recreation Dept.                   | FY '01             | \$62,879,000                   | \$164                           |
| Chicago Park District                                   | FY '01             | \$377,000,000                  | \$130                           |
| Denver Parks and Recreation Department                  | FY '01             | \$69,263,000                   | \$125                           |
| Kansas City, Mo., Dept of Parks, Recreation & Blvds     | FY '01-02          | \$54,118,000                   | \$122                           |
| Las Vegas Parks and Open Spaces Division                | FY '01             | \$58,140,000                   | \$122                           |
| Virginia Beach Department of Parks and Recreation       | FY '01-02          | \$51,447,000                   | \$121                           |
| Phoenix Department of Parks and Recreation              | FY '00-01          | \$158,980,000                  | \$120                           |
| National Capital Region, National Park Service (D.C.)   | FY '02             | \$67,500,000                   | \$118                           |
| Sacramento Office of Parks and Recreation               | FY '01-02          | \$44,360,000                   | \$109                           |
| Honolulu Department of Parks and Recreation             | FY '01             | \$93,804,858                   | \$107                           |
| Long Beach Parks, Recreation & Marine                   | FY '00-01          | \$47,802,000                   | \$103                           |
| Portland Parks and Recreation                           | FY '00-01          | \$52,205,000                   | \$99                            |
| Cincinnati Recreation Commission                        | FY '02             | \$31,055,000                   | \$94                            |
| Mesa Parks, Recreation & Cultural Division              | FY '00-01          | \$36,457,000                   | \$92                            |
| Atlanta Dept of Parks and Recreation                    | FY '01             | \$36,719,000                   | \$88                            |
| San Diego Park and Recreation Department                | FY '01             | \$101,775,000                  | \$83                            |
| Austin Parks and Recreation                             | FY '01             | \$51,773,000                   | \$79                            |
| Tucson Parks & Recreation                               | FY '01             | \$36,580,000                   | \$75                            |
| Oakland Office of Parks, Recreation, & Cultural Affairs | FY '01-02          | \$28,983,000                   | \$73                            |
| Columbus Recreation and Parks Department                | FY '01             | \$51,000,000                   | \$72                            |
| Colorado Springs Parks and Recreation Department        | FY '00             | \$24,783,000                   | \$69                            |
| Fort Worth Parks and Community Services                 | FY '00-01          | \$35,833,000                   | \$67                            |
| Cleveland Dept of Parks, Recreation & Property          | FY '01             | \$30,678,000                   | \$64                            |
| Tampa Parks Department                                  | FY '01             | \$19,026,000                   | \$63                            |
| Nashville/Davidson Metro Bd of Parks & Recreation       | FY '00-01          | \$29,828,000                   | \$55                            |
| San Antonio Parks and Recreation Department             | FY '00-01          | \$61,925,000                   | \$54                            |
| New York City Dept of Parks and Recreation              | FY '01             | \$431,930,000                  | \$54                            |
| Milwaukee County Parks                                  | FY '00             | \$50,452,000                   | \$54                            |
| Mecklenburg County Parks and Recreation                 | FY '01             | \$36,439,000                   | \$52                            |

| <i>Agency</i>  | <i>Fiscal Year</i> | <i>Spending,<br/>Adjusted*</i> | <i>Dollars per<br/>Resident</i> |
|--|--------------------|--------------------------------|---------------------------------|
| Miami Parks and Recreation Department                  | FY '01             | \$17,699,000                   | \$49                            |
| Oklahoma City Dept of Parks and Recreation             | FY '02             | \$24,261,000                   | \$48                            |
| Fresno Parks, Recreation and Community Services        | FY '01             | \$20,008,000                   | \$47                            |
| Dallas Parks and Recreation Dept                       | FY '01             | \$53,680,000                   | \$45                            |
| Arlington Parks and Recreation Department              | FY '01             | \$14,779,000                   | \$44                            |
| Baltimore City Dept of Recreation and Parks            | FY '01             | \$27,411,000                   | \$42                            |
| Memphis Division of Park Services                      | FY '02             | \$27,229,000                   | \$42                            |
| Boston Dept of Parks and Recreation                    | FY '01             | \$24,581,000                   | \$42                            |
| Cincinnati Park Board                                  | FY '01             | \$12,682,000                   | \$38                            |
| Philadelphia Department of Recreation                  | FY '01             | \$57,442,623                   | \$38                            |
| District of Columbia Dept. of Parks and Recreation     | FY '01             | \$21,314,000                   | \$37                            |
| Tampa Recreation Department                            | FY '01             | \$10,550,000                   | \$35                            |
| Toledo Department of Parks, Recreation, and Forestry   | FY '01             | \$10,719,000                   | \$34                            |
| Houston Parks and Recreation Department                | FY '01             | \$64,634,000                   | \$33                            |
| Indianapolis Parks and Recreation Dept                 | FY '01             | \$25,147,000                   | \$32                            |
| Jacksonville Dept of Parks, Recreation & Entertainment | FY '01             | \$20,838,000                   | \$28                            |
| New Orleans City Park Improvement Association          | FY '01             | \$10,961,000                   | \$23                            |
| Louisville and Jefferson County Parks Department       | FY '01-02          | \$14,786,028                   | \$21                            |
| Metropolitan District Commission (Boston)              | FY '02             | \$9,485,000                    | \$16                            |
| Audubon Nature Institute                               | FY '01             | \$7,760,000                    | \$16                            |
| Forest Preserve District of Cook County (Chicago)      | FY '01             | \$39,806,000                   | \$14                            |
| Fairmount Park Commission (Philadelphia)               | FY '01             | \$19,000,000                   | \$13                            |
| Los Angeles Dept of Recreation and Parks               | FY '00-01          | \$29,400,000                   | \$8                             |
| Tower Grove Park Commission (St. Louis)                | FY '02             | \$2,030,100                    | \$6                             |
| New Orleans Parks and Parkways Department              | FY '01             | \$1,948,780                    | \$4                             |

\*Adjusted budgets include both operating and capital expenditures, but exclude zoos, stadiums, museums and aquariums.



# *Natural/Designed/Undeveloped Acres as a Percentage of Total Agency Acres*

| Agency   | Park Acres | Natural Acres | %     | Designed Acres | %      | Undeveloped Acres | %     |
|--|------------|---------------|-------|----------------|--------|-------------------|-------|
| Albuquerque Parks & General Services               | 15,901     | 0             | N/A   | 0              | N/A    | 0                 | N/A   |
| Arlington Parks and Recreation Department          | 4,151      | 1,833         | 44.2% | 1,922          | 46.3%  | 396               | 9.5%  |
| Atlanta Dept of Parks and Recreation               | 3,210      | 1,733         | 54.0% | 1,477          | 46.0%  | 0                 | N/A   |
| Audubon Nature Institute                           | 1,600      | 1,000         | 62.5% | 600            | 37.5%  | 0                 | N/A   |
| Austin Parks and Recreation                        | 16,512     | 919           | 5.6%  | 4,056          | 24.6%  | 11,537            | 69.9% |
| Baltimore City Dept of Recreation and Parks        | 5,706      | 2,627         | 46.0% | 3,079          | 54.0%  | 0                 | N/A   |
| Boston Dept of Parks and Recreation                | 2,260      | 94            | 4.2%  | 2,166          | 95.8%  | 0                 | N/A   |
| Chicago Park District                              | 7,373      | 335           | 4.5%  | 7,028          | 95.3%  | 10                | 0.1%  |
| Cincinnati Park Board                              | 5,231      | 1,308         | 26.3% | 3,849          | 73.6%  | 4                 | 0.1%  |
| Cincinnati Recreation Commission                   | 1,391      | 0             | N/A   | 1,476          | 90.9%  | 148               | 9.1%  |
| Cleveland Dept of Parks, Recreation & Property     | 1,391      | 0             | N/A   | 1,391          | 100.0% | 0                 | N/A   |
| Cleveland Lakelront State Park                     | 26         | 0             | N/A   | 0              | N/A    | 0                 | N/A   |
| Colorado Springs Parks and Recreation Department   | 8,950      | 7,188         | 80.3% | 1,685          | 18.8%  | 77                | 0.9%  |
| Columbus Recreation and Parks Department           | 7,108      | 1,201         | 16.9% | 4,859          | 68.4%  | 1,048             | 14.7% |
| Dallas Parks and Recreation Dept                   | 21,670     | 7,500         | 34.6% | 14,170         | 65.4%  | 0                 | N/A   |
| Denver Parks and Recreation Department             | 6,251      | 2,304         | 36.9% | 3,947          | 63.1%  | 0                 | N/A   |
| Detroit Recreation Department                      | 5,890      | 0             | N/A   | 0              | N/A    | 0                 | N/A   |
| District of Columbia Dept. of Parks and Recreation | 800        | 300           | 37.5% | 500            | 62.5%  | 0                 | N/A   |
| El Paso Parks & Recreation Dept.                   | 1,855      | 0             | N/A   | 0              | N/A    | 0                 | N/A   |
| Fairmount Park Commission (Philadelphia)           | 8,900      | 5,500         | 61.8% | 3,400          | 38.2%  | 0                 | N/A   |

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| Agency   | Park Acres | Natural<br>Acres | %     | Designed<br>Acres | %     | Undeveloped<br>Acres | %     |
|--|------------|------------------|-------|-------------------|-------|----------------------|-------|
| Forest Preserve District of Cook County (Chicago)      | 3,690      | 3,505            | 95.0% | 185               | 5.0%  | 0                    | N/A   |
| Fort Worth Parks and Community Services                | 14,410     | 3,902            | 27.1% | 9,647             | 66.9% | 861                  | 6.0%  |
| Fresno Parks, Recreation and Community Services        | 1,323      | 211              | 15.9% | 1,022             | 77.2% | 90                   | 6.8%  |
| Gateway National Recreation Area                       | 7,138      | 5,468            | 76.6% | 1,670             | 23.4% | 0                    | N/A   |
| Golden Gate National Recreation Area (S.F.)            | 2,428      | 0                | N/A   | 0                 | N/A   | 0                    | N/A   |
| Honolulu Department of Parks and Recreation            | 7,482      | 777              | 10.4% | 4,686             | 62.6% | 2,019                | 27.0% |
| Houston Parks and Recreation Department                | 19,825     | 410              | 2.1%  | 19,168            | 96.7% | 247                  | 1.2%  |
| Indianapolis Parks and Recreation Dept                 | 10,176     | 5,639            | 55.4% | 4,502             | 44.2% | 35                   | 0.3%  |
| Jacksonville Dept of Parks, Recreation & Entertainment | 39,424     | 32,915           | 83.6% | 6,444             | 16.3% | 15                   | 0.0%  |
| Kansas City, Mo., Dept of Parks, Recreation & Blvds    | 11,500     | 3,500            | 30.4% | 5,300             | 46.1% | 2,700                | 23.5% |
| Las Vegas Parks and Open Spaces Division               | 3,065      | 33               | 1.1%  | 817               | 26.7% | 2,213                | 72.2% |
| Long Beach Parks, Recreation & Marine                  | 2,938      | 2,938            | 4.0%  | 2,613             | 93.6% | 67                   | 2.4%  |
| Los Angeles Dept of Recreation and Parks               | 15,518     | 7,017            | 45.2% | 8,501             | 54.8% | 0                    | N/A   |
| Louisville and Jefferson County Parks Department       | 13,509     | 8,651            | 64.0% | 4,631             | 34.3% | 227                  | 1.7%  |
| Mecklenburg County Parks and Recreation                | 16,472     | 7,606            | 46.2% | 5,354             | 32.5% | 3,512                | 21.3% |
| Memphis Division of Park Services                      | 4,852      | 1,941            | 40.0% | 2,911             | 60.0% | 0                    | N/A   |
| Mesa Parks, Recreation & Cultural Division             | 3,007      | 5                | 0.2%  | 1,558             | 51.8% | 1,444                | 48.0% |
| Metropolitan District Commission (Boston)              | 2,950      | 1,100            | 37.3% | 1,800             | 61.0% | 50                   | 1.7%  |
| Miami Parks and Recreation Department                  | 1,100      | 0                | N/A   | 1,100             | 00.0% | 0                    | N/A   |
| Milwaukee County Parks                                 | 15,115     | 6,597            | 43.6% | 7,538             | 49.9% | 980                  | 6.5%  |
| Minneapolis Park and Recreation Dept.                  | 5,694      | 2,694            | 47.3% | 3,000             | 52.7% | 0                    | N/A   |
| Nashville/Davidson Metro Bd of Parks & Recreation      | 10,272     | 3,840            | 37.4% | 3,667             | 35.7% | 2,765                | 26.9% |

| Agency  | Park Acres | Natural Acres | %     | Designed Acres | %     | Undeveloped Acres | %     |
|---|------------|---------------|-------|----------------|-------|-------------------|-------|
| National Capital Region, National Park Service (D.C.)   | 6,776      | 3,628         | 53.5% | 3,148          | 46.5% | 0                 | N/A   |
| New Orleans City Park Improvement Association           | 1,500      | 0             | N/A   | 1,500          | 00.0% | 0                 | N/A   |
| New Orleans Parks and Parkways Department               | 1,414      | 778           | 55.0% | 417            | 29.5% | 219               | 15.5% |
| New Orleans Recreation Department                       | 560        | 0             | N/A   | 0              | N/A   | 0                 | N/A   |
| New York City Dept of Parks and Recreation              | 27,614     | 8,997         | 32.6% | 18,617         | 67.4% | 0                 | N/A   |
| Oakland Office of Parks, Recreation, & Cultural Affairs | 2,056      | 1,066         | 51.8% | 990            | 48.2% | 0                 | N/A   |
| Oklahoma City Dept of Parks and Recreation              | 21,634     | 9,776         | 45.2% | 9,616          | 44.4% | 2,242             | 10.4% |
| Philadelphia Department of Recreation                   | 1,400      | 0             | N/A   | 1,400          | 00.0% | 0                 | N/A   |
| Phoenix Department of Parks and Recreation              | 35,344     | 30,284        | 85.7% | 3,435          | 9.7%  | 1,625             | 4.6%  |
| Pittsburgh Dept of Parks and Recreation                 | 2,691      | 0             | N/A   | 0              | N/A   | 0                 | N/A   |
| Portland Parks and Recreation                           | 10,027     | 7,300         | 72.8% | 2,027          | 20.2% | 700               | 7.0%  |
| Sacramento Office of Parks and Recreation               | 2,759      | 82            | 21.6% | 1,470          | 43.3% | 1,192             | 35.1% |
| San Antonio Parks and Recreation Department             | 15,668     | 4,002         | 25.5% | 4,331          | 27.6% | 7,335             | 46.8% |
| San Diego Park and Recreation Department                | 35,335     | 20,972        | 59.0% | 14,412         | 40.6% | 151               | 0.4%  |
| San Francisco Recreation and Park Department            | 3,317      | 0             | N/A   | 0              | N/A   | 0                 | N/A   |
| San Jose Parks, Recreation & Neighborhood Services      | 3,748      | 848           | 22.6% | 1,900          | 50.7% | 1,000             | 26.7% |
| Seattle Department of Parks and Recreation              | 6,019      | 1,457         | 24.2% | 4,562          | 75.8% | 0                 | N/A   |
| St. Louis Dept of Parks, Recreation & Forestry          | 3,001      | 0             | N/A   | 0              | N/A   | 0                 | N/A   |
| Tampa Parks Department                                  | 2,022      | 210           | 10.4% | 1,611          | 79.7% | 201               | 9.9%  |
| Tampa Recreation Department                             |            | 0             | N/A   | 0              | N/A   | 0                 | N/A   |
| Tampa Sports Authority                                  | 479        | 0             | N/A   | 0              | N/A   | 0                 | N/A   |
| Toledo Department of Parks, Recreation, and Forestry    | 2,206      | 6             | 0.3%  | 974            | 44.2% | 1,226             | 55.6% |

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| <i>Agency</i>                                     | <i>Park Acres</i> | <i>Natural Acres</i> | <i>%</i> | <i>Designed Acres</i> | <i>%</i> | <i>Undeveloped Acres</i> | <i>%</i> |
|---|-------------------|----------------------|----------|-----------------------|----------|--------------------------|----------|
| Tower Grove Park Commission (St. Louis)           | 289               | 0                    | N/A      | 289                   | 00.0%    | 0                        | N/A      |
| Tucson Parks & Recreation                         | 2,835             | 512                  | 18.1%    | 2,173                 | 76.6%    | 150                      | 5.3%     |
| Tulsa City Park and Recreation Department         | 6,105             | 0                    | N/A      | 0                     | N/A      | 0                        | N/A      |
| Virginia Beach Department of Parks and Recreation | 2,311             | 0                    | N/A      | 2,144                 | 92.8%    | 167                      | 7.2%     |
| Wichita Parks and Recreation Department           | 6,773             | 0                    | N/A      | 0                     | N/A      | 0                        | N/A      |

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# Acres of Parkland per 1000 Residents, by Place

(Grouped by Population Density Level)

| <i>Place</i>   | <i>Population</i> | <i>Total Acres City, County, Metro, State and Federal Park/Open Space within Place</i> | <i>Acres Total Park/Open Space per 1000 Population</i> |
|--|-------------------|--|--|
| <hr/>  |                   |  |  |
| <i>Place Population Density Level: High</i>              |                   | <i>Average, this density level:</i>  | <b>8.0</b>   |
| Minneapolis  | 383,000           | 5,694  | 14.9   |
| Washington, D.C.   | 572,000           | 7,576  | 13.2   |
| Oakland  | 399,000           | 3,822  | 9.6  |
| Boston   | 589,000           | 5,451  | 9.3  |
| Baltimore  | 651,000           | 5,749  | 8.8  |
| Los Angeles  | 3,695,000         | 30,134   | 8.2  |
| San Francisco  | 777,000           | 5,916  | 7.6  |
| Philadelphia   | 1,518,000         | 10,821   | 7.0  |
| Long Beach   | 462,000           | 2,792  | 6.0  |
| New York   | 8,008,000         | 35,634   | 4.4  |
| Chicago  | 2,896,000         | 11,476   | 4.0  |
| Miami  | 362,000           | 1,138  | 3.1  |
| <i>Place Population Density Level: Intermediate-high</i> |                   | <i>Average, this density level:</i>  | <b>12.2</b>  |
| San Diego  | 1,223,000         | 38,993   | 31.9   |
| Portland, Ore.   | 529,000           | 12,959   | 24.5   |
| Cincinnati   | 331,000           | 7,000  | 21.1   |
| Dallas   | 1,189,000         | 21,670   | 18.2   |
| Arlington, Tex.  | 333,000           | 4,151  | 12.5   |
| Las Vegas  | 478,000           | 5,416  | 11.3   |
| Denver   | 555,000           | 6,251  | 11.3   |
| Seattle  | 563,000           | 6,024  | 10.7   |
| St. Louis  | 348,000           | 3,385  | 9.7  |
| Sacramento   | 407,000           | 3,694  | 9.1  |
| Pittsburgh   | 335,000           | 2,735  | 8.2  |
| Toledo   | 314,000           | 2,206  | 7.0  |
| Detroit  | 951,000           | 5,890  | 6.2  |
| Cleveland  | 478,000           | 2,884  | 6.0  |
| San Jose   | 895,000           | 3,858  | 4.3  |
| Fresno   | 428,000           | 1,323  | 3.1  |

| <i>Place</i>  | <i>Population</i> | <i>Total Acres City, County,<br/>Metro, State and Federal<br/>Park/Open Space within<br/>Place</i> | <i>Acres Total<br/>Park/Open Space<br/>per 1000<br/>Population</i> |
|---|-------------------|--|--|
| <hr/>   |                   |  |  |
| <i>Place Population Density Level: Intermediate-low</i> |                   | <i>Average, this density level: 19.4</i>   |  |
| El Paso   | 564,000           | 26,372   | 46.8   |
| Albuquerque   | 449,000           | 17,746   | 39.5   |
| Austin  | 657,000           | 21,938   | 33.4   |
| Colorado Springs  | 361,000           | 10,150   | 28.1   |
| Phoenix   | 1,321,000         | 36,944   | 28.0   |
| Fort Worth  | 535,000           | 14,410   | 26.9   |
| Louisville/Jefferson                                    | 694,000           | 13,899   | 20.0   |
| Wichita   | 344,000           | 6,773  | 19.7   |
| Tulsa   | 393,000           | 7,110  | 18.1   |
| Memphis   | 650,000           | 10,490   | 16.1   |
| Milwaukee/Milwaukee                                     | 940,000           | 15,155   | 16.1   |
| Indianapolis  | 792,000           | 11,868   | 15.0   |
| San Antonio   | 1,145,000         | 16,503   | 14.4   |
| Columbus  | 711,000           | 8,404  | 11.9   |
| Tampa   | 303,000           | 3,408  | 11.2   |
| Houston   | 1,954,000         | 21,252   | 10.9   |
| New Orleans   | 485,000           | 5,228  | 10.8   |
| Atlanta   | 416,000           | 3,235  | 7.8  |
| Mesa  | 396,000           | 3,007  | 7.6  |
| Tucson  | 487,000           | 3,175  | 6.5  |
| <i>Place Population Density Level: Low</i>              |                   | <i>Average, this density level: 32.4</i>   |  |
| Jacksonville  | 736,000           | 49,785   | 67.6   |
| Oklahoma City   | 506,000           | 21,634   | 42.8   |
| Kansas City, Mo.  | 442,000           | 13,782   | 31.2   |
| Charlotte/Mecklenbur                                    | 695,000           | 16,472   | 23.7   |
| Virginia Beach  | 425,000           | 9,532  | 22.4   |
| Honolulu  | 876,000           | 17,538   | 20.0   |
| Nashville/Davidson                                      | 545,000           | 10,272   | 18.8   |
| <i>Total Population</i>                                 | 47,491,000        | <i>Average, All Cities:</i>  | 16.5   |

# Total Parkland as Percent of Place Area

(Grouped by Population Density Level)

| <i>Place</i>                                      | <i>Land Area<br/>(acres)</i> | <i>Total City, County,<br/>Metro, State and Federal<br/>Park/Open Space within<br/>Place (acres)</i> | <i>Park/Open<br/>Space as<br/>Percent of<br/>Land Area</i> |
|---|------------------------------|--|--|
| <hr/>   |                              |  |  |
| <i>Place Pop Density Level: High</i>              |                              | <i>Average, this Density Level: 13.1%</i>  |  |
| San Francisco                                     | 29,884                       | 5,916  | 19.8%  |
| Washington, D.C.                                  | 39,297                       | 7,576  | 19.3%  |
| New York  | 194,115                      | 35,634   | 18.4%  |
| Boston  | 30,992                       | 5,451  | 17.6%  |
| Minneapolis                                       | 35,130                       | 5,694  | 16.2%  |
| Philadelphia                                      | 86,456                       | 10,621   | 12.3%  |
| Baltimore   | 51,714                       | 5,749  | 11.1%  |
| Oakland   | 35,875                       | 3,822  | 10.7%  |
| Los Angeles                                       | 300,201                      | 30,134   | 10.0%  |
| Long Beach  | 32,281                       | 2,792  | 8.6%   |
| Chicago   | 145,362                      | 11,676   | 8.0%   |
| Miami   | 22,830                       | 1,138  | 5.0%   |
| <i>Place Pop Density Level: Intermediate-high</i> |                              | <i>Average, this Density Level: 8.4%</i>   |  |
| San Diego   | 207,575                      | 38,993   | 18.8%  |
| Portland, Ore.                                    | 85,964                       | 12,959   | 15.1%  |
| Cincinnati  | 49,898                       | 7,000  | 14.0%  |
| Seattle   | 53,677                       | 6,024  | 11.2%  |
| Dallas  | 219,223                      | 21,670   | 9.9%   |
| St. Louis   | 39,630                       | 3,385  | 8.5%   |
| Pittsburgh  | 35,573                       | 2,735  | 7.7%   |
| Las Vegas   | 72,514                       | 5,416  | 7.5%   |
| Arlington, Tex.                                   | 61,322                       | 4,151  | 6.8%   |
| Detroit   | 88,810                       | 5,890  | 6.6%   |
| Denver  | 98,142                       | 6,251  | 6.4%   |
| Sacramento  | 62,180                       | 3,694  | 5.9%   |
| Cleveland   | 49,650                       | 2,884  | 5.8%   |
| Toledo  | 51,597                       | 2,206  | 4.3%   |
| San Jose  | 111,910                      | 3,858  | 3.4%   |
| Fresno  | 66,791                       | 1,323  | 2.0%   |
| <i>Place Pop Density Level: Intermediate-low</i>  |                              | <i>Average, this Density Level: 7.6%</i>   |  |
| El Paso   | 159,405                      | 26,372   | 16.5%  |
| Albuquerque                                       | 115,608                      | 17,746   | 15.4%  |

| <i>Place</i>                        | <i>Land Area<br/>(acres)</i> | <i>Total City, County,<br/>Metro, State and Federal<br/>Park/Open Space within<br/>Place (acres)</i> | <i>Park/Open<br/>Space as<br/>Percent of<br/>Land Area</i> |
|-------------------------------------|------------------------------|--|--|
| Austin                              | 160,969                      | 21,938   | 13.6%  |
| Phoenix                             | 303,907                      | 36,944   | 12.2%  |
| Milwaukee/Milwaukee Count           | 154,880                      | 15,115   | 9.8%   |
| Colorado Springs                    | 118,874                      | 10,150   | 8.5%   |
| Wichita                             | 86,879                       | 6,773  | 7.8%   |
| Fort Worth                          | 187,222                      | 14,410   | 7.7%   |
| San Antonio                         | 260,832                      | 16,503   | 6.3%   |
| Columbus                            | 134,568                      | 8,494  | 6.3%   |
| Tulsa                               | 116,891                      | 7,110  | 6.1%   |
| Memphis                             | 178,761                      | 10,490   | 5.9%   |
| Houston                             | 370,818                      | 21,252   | 5.7%   |
| Louisville/Jefferson                | 246,400                      | 13,899   | 5.6%   |
| Indianapolis                        | 231,342                      | 11,868   | 5.1%   |
| Tampa                               | 71,720                       | 3,408  | 4.8%   |
| New Orleans                         | 115,553                      | 5,228  | 4.5%   |
| Atlanta                             | 84,316                       | 3,235  | 3.8%   |
| Mesa                                | 79,990                       | 3,007  | 3.8%   |
| Tucson                              | 124,588                      | 3,175  | 2.5%   |
| <i>Place Pop Density Level: Low</i> |                              | <i>Average, this Density Level: 5.8%</i>   |  |
| Jacksonville                        | 537,000                      | 49,785   | 9.3%   |
| Kansas City, Mo.                    | 200,664                      | 13,782   | 6.9%   |
| Virginia Beach                      | 158,903                      | 9,532  | 6.0%   |
| Oklahoma City                       | 388,463                      | 21,634   | 5.6%   |
| Charlotte/Mecklenburg               | 337,280                      | 16,472   | 4.9%   |
| Honolulu                            | 384,000                      | 17,538   | 4.6%   |
| Nashville/Davidson                  | 321,280                      | 10,272   | 3.2%   |
|                                     |                              | <i>Average, all places:</i>  | <i>8.8%</i>  |



# Private Donations to City Park Agencies, per Capita

|   | Budget Year | Private Grants | Population | per Capita |
|---|-------------|----------------|------------|------------|
| Kansas City, Mo., Dept of Parks, Recreation & Blvds   | FY '01-02   | \$16,000,000   | 442,000    | \$36.20    |
| Indianapolis Parks and Recreation Dept                | FY '01      | \$10,129,000   | 792,000    | \$12.79    |
| Memphis Division of Park Services                     | FY '02      | \$8,000,000    | 650,000    | \$12.31    |
| Austin Parks and Recreation                           | FY '01      | \$5,485,000    | 657,000    | \$8.35     |
| Boston Dept of Parks and Recreation                   | FY '01      | \$3,450,000    | 589,000    | \$5.86     |
| Cincinnati Park Board                                 | FY '01      | \$1,271,000    | 331,000    | \$3.84     |
| New York City Dept of Parks and Recreation            | FY '01      | \$30,000,000   | 8,008,000  | \$3.75     |
| Tampa Parks Department                                | FY '01      | \$1,032,000    | 303,000    | \$3.41     |
| Honolulu Department of Parks and Recreation           | FY '01      | \$2,972,000    | 876,000    | \$3.39     |
| Minneapolis Park and Recreation Dept.                 | FY '01      | \$1,000,000    | 383,000    | \$2.61     |
| New Orleans City Park Improvement Association         | FY '01      | \$1,243,000    | 485,000    | \$2.56     |
| San Jose Parks, Recreation & Neighborhood Services    | FY '02      | \$2,200,000    | 895,000    | \$2.46     |
| Milwaukee County Parks                                | FY '00      | \$1,579,000    | 940,000    | \$1.68     |
| Fort Worth Parks and Community Services               | FY '01      | \$854,000      | 535,000    | \$1.60     |
| Houston Parks and Recreation Department               | FY '01      | \$2,640,000    | 1,954,000  | \$1.35     |
| Nashville/Davidson Metro Bd of Parks & Recreation     | FY '00-01   | \$608,000      | 545,000    | \$1.12     |
| National Capital Region, National Park Service (D.C.) | FY '02      | \$570,000      | 572,000    | \$1.00     |
| Seattle Department of Parks and Recreation            | FY '01      | \$500,000      | 563,000    | \$0.89     |
| Tower Grove Park Commission (St. Louis)               | FY '02      | \$215,000      | 348,000    | \$0.62     |
| Baltimore City Dept of Recreation and Parks           | FY '01      | \$400,000      | 651,000    | \$0.61     |
| Cincinnati Recreation Commission                      | FY '02      | \$200,000      | 331,000    | \$0.60     |
| Toledo Department of Parks, Recreation, and Forestry  | FY '01      | \$170,000      | 314,000    | \$0.54     |
| San Antonio Parks and Recreation Department           | FY '00-01   | \$600,000      | 1,145,000  | \$0.52     |
| Atlanta Dept of Parks and Recreation                  | FY '01      | \$206,000      | 416,000    | \$0.50     |
| Fairmount Park Commission (Philadelphia)              | FY '01      | \$750,000      | 1,518,000  | \$0.49     |
| Cleveland Dept of Parks, Recreation & Property        | FY '01      | \$200,000      | 478,000    | \$0.42     |
| New Orleans Parks and Parkways Department             | FY '01      | \$200,000      | 485,000    | \$0.41     |
| Colorado Springs Parks and Recreation Department      | FY '00      | \$135,000      | 361,000    | \$0.37     |
| Denver Parks and Recreation Department                | FY '01      | \$200,000      | 555,000    | \$0.36     |
| Columbus Recreation and Parks Department              | FY '01      | \$255,000      | 711,000    | \$0.36     |

|   | Budget Year | Private Grants               | Population | per Capita |
|---|-------------|------------------------------|------------|------------|
| Phoenix Department of Parks and Recreation              | FY '00-01   | \$398,000                    | 1,321,000  | \$0.30     |
| Chicago Park District                                   | FY '01      | \$750,000                    | 2,896,000  | \$0.26     |
| Portland Parks and Recreation                           | FY '00-01   | \$104,000                    | 529,000    | \$0.20     |
| Long Beach Parks, Recreation & Marine                   | FY '00-01   | \$84,000                     | 462,000    | \$0.18     |
| Tucson Parks & Recreation                               | FY '01      | \$81,450                     | 487,000    | \$0.17     |
| San Diego Park and Recreation Department                | FY '01      | \$200,000                    | 1,223,000  | \$0.16     |
| Mecklenburg County Parks and Recreation                 | FY '01      | \$100,000                    | 695,000    | \$0.14     |
| Las Vegas Parks and Open Spaces Division                | FY '01      | \$57,000                     | 478,000    | \$0.12     |
| Mesa Parks, Recreation & Cultural Division              | FY '00-01   | \$11,432                     | 396,000    | \$0.03     |
| District of Columbia Dept. of Parks and Recreation      | FY '01      | \$16,000                     | 572,000    | \$0.03     |
| Arlington Parks and Recreation Department               | FY '01      | \$0                          | 333,000    | \$0.00     |
| Audubon Nature Institute                                | FY '01      | \$0                          | 485,000    | \$0.00     |
| Dallas Parks and Recreation Dept                        | FY '01      | \$0                          | 1,189,000  | \$0.00     |
| Forest Preserve District of Cook County (Chicago)       | FY '01      | \$0                          | 2,896,000  | \$0.00     |
| Fresno Parks, Recreation and Community Services         | FY '01      | \$0                          | 428,000    | \$0.00     |
| Jacksonville Dept of Parks, Recreation & Entertainment  | FY '01      | \$0                          | 736,000    | \$0.00     |
| Los Angeles Dept of Recreation and Parks                | FY '00-01   | \$0                          | 3,695,000  | \$0.00     |
| Louisville and Jefferson County Parks Department        | FY '01-02   | \$0                          | 694,000    | \$0.00     |
| Metropolitan District Commission (Boston)               | FY '02      | \$0                          | 589,000    | \$0.00     |
| Miami Parks and Recreation Department                   | FY '01      | \$0                          | 362,000    | \$0.00     |
| Oakland Office of Parks, Recreation, & Cultural Affairs | FY '01-02   | \$0                          | 399,000    | \$0.00     |
| Oklahoma City Dept of Parks and Recreation              | FY '02      | \$0                          | 506,000    | \$0.00     |
| Philadelphia Department of Recreation                   | FY '01      | \$0                          | 1,518,000  | \$0.00     |
| Sacramento Office of Parks and Recreation               | FY '01-02   | \$0                          | 407,000    | \$0.00     |
| Tampa Recreation Department                             | FY '01      | \$0                          | 303,000    | \$0.00     |
| Virginia Beach Department of Parks and Recreation       | FY '01-02   | \$0                          | 425,000    | \$0.00     |
|   |             | Per Capita Donation Average: | \$2.01     |            |

## *Acres Added in Past 30 Years*

| <i>Agency</i>   | <i>Current<br/>Acreage</i> | <i>Acres in<br/>1970</i> | <i>%<br/>Growth</i> |
|---|----------------------------|--------------------------|---------------------|
| Mesa Parks, Recreation & Cultural Division              | 3,007                      | 80                       | 3659%               |
| Jacksonville Dept of Parks, Recreation & Entertainment  | 39,424                     | 2,160                    | 1725%               |
| Cleveland Lakefront State Park                          | 476                        | 44                       | 982%                |
| Las Vegas Parks and Open Spaces Division                | 3,065                      | 482                      | 536%                |
| Virginia Beach Department of Parks and Recreation       | 2,311                      | 476                      | 386%                |
| Arlington Parks and Recreation Department               | 4,151                      | 900                      | 361%                |
| Golden Gate National Recreation Area (S.F.)             | 2,428                      | 553                      | 339%                |
| San Diego Park and Recreation Department                | 35,535                     | 8,230                    | 332%                |
| Tampa Sports Authority                                  | 479                        | 134                      | 257%                |
| Houston Parks and Recreation Department                 | 19,825                     | 5,582                    | 255%                |
| San Antonio Parks and Recreation Department             | 15,668                     | 4,430                    | 254%                |
| Fresno Parks, Recreation and Community Services         | 1,323                      | 383                      | 245%                |
| Honolulu Department of Parks and Recreation             | 7,482                      | 2,400                    | 212%                |
| Fort Worth Parks and Community Services                 | 14,410                     | 4,785                    | 201%                |
| Colorado Springs Parks and Recreation Department        | 8,950                      | 3,136                    | 185%                |
| Tucson Parks & Recreation                               | 2,835                      | 1,043                    | 172%                |
| Metropolitan District Commission (Boston)               | 2,950                      | 1,129                    | 161%                |
| Austin Parks and Recreation                             | 16,512                     | 6,500                    | 154%                |
| Wichita Parks and Recreation Department                 | 6,773                      | 2,689                    | 152%                |
| El Paso Parks & Recreation Dept.                        | 1,855                      | 800                      | 132%                |
| Phoenix Department of Parks and Recreation              | 35,344                     | 17,871                   | 98%                 |
| Kansas City, Mo., Dept of Parks, Recreation & Blvds     | 11,500                     | 6,602                    | 74%                 |
| Oakland Office of Parks, Recreation, & Cultural Affairs | 2,056                      | 1,250                    | 64%                 |
| Tulsa City Park and Recreation Department               | 6,105                      | 4,010                    | 52%                 |
| Tampa Parks Department                                  | 2,022                      | 1,379                    | 47%                 |
| Denver Parks and Recreation Department                  | 6,251                      | 4,252                    | 47%                 |
| Audubon Nature Institute                                | 1,600                      | 1,100                    | 45%                 |
| Dallas Parks and Recreation Dept                        | 21,670                     | 14,904                   | 45%                 |
| Seattle Department of Parks and Recreation              | 6,019                      | 4,189                    | 44%                 |
| Mecklenburg County Parks and Recreation                 | 16,472                     | 11,723                   | 41%                 |
| Cincinnati Park Board                                   | 5,231                      | 3,802                    | 38%                 |
| Baltimore City Dept of Recreation and Parks             | 5,706                      | 4,341                    | 31%                 |
| Portland Parks and Recreation                           | 10,027                     | 8,081                    | 24%                 |
| Indianapolis Parks and Recreation Dept                  | 10,176                     | 8,553                    | 19%                 |
| Chicago Park District                                   | 7,373                      | 6,276                    | 17%                 |

| <i>Agency</i>   | <i>Current<br/>Acreage</i> | <i>Acres in<br/>1970</i> | <i>%<br/>Growth</i> |
|---|----------------------------|--------------------------|---------------------|
| New York City Dept of Parks and Recreation            | 27,614                     | 23,924                   | 15%                 |
| Long Beach Parks, Recreation & Marine                 | 2,792                      | 2,457                    | 14%                 |
| Oklahoma City Dept of Parks and Recreation            | 21,634                     | 20,290                   | 7%                  |
| Atlanta Dept of Parks and Recreation                  | 3,210                      | 3,000                    | 7%                  |
| Los Angeles Dept of Recreation and Parks              | 15,518                     | 14,505                   | 7%                  |
| Louisville and Jefferson County Parks Department      | 13,509                     | 12,700                   | 6%                  |
| Milwaukee County Parks                                | 15,115                     | 14,280                   | 6%                  |
| Minneapolis Park and Recreation Dept.                 | 5,694                      | 5,387                    | 6%                  |
| Tower Grove Park Commission (St. Louis)               | 289                        | 275                      | 5%                  |
| Fairmount Park Commission (Philadelphia)              | 8,900                      | 8,544                    | 4%                  |
| San Francisco Recreation and Park Department          | 3,317                      | 3,229                    | 3%                  |
| Forest Preserve District of Cook County (Chicago)     | 3,690                      | 3,625                    | 2%                  |
| Gateway National Recreation Area                      | 7,138                      | 7,138                    | 0%                  |
| New Orleans City Park Improvement Association         | 1,500                      | 1,500                    | 0%                  |
| Cincinnati Recreation Commission                      | 1,624                      | 1,624                    | 0%                  |
| Toledo Department of Parks, Recreation, and Forestry  | 2,206                      | 2,214                    | 0%                  |
| St. Louis Dept of Parks, Recreation & Forestry        | 3,001                      | 3,166                    | -5%                 |
| Memphis Division of Park Services                     | 4,852                      | 5,586                    | -13%                |
| Boston Dept of Parks and Recreation                   | 2,260                      | 2,620                    | -14%                |
| New Orleans Parks and Parkways Department             | 1,414                      | 1,769                    | -20%                |
| Columbus Recreation and Parks Department              | 7,108                      | 10,104                   | -30%                |
| Cleveland Dept of Parks, Recreation & Property        | 1,391                      | 2,855                    | -51%                |
| District of Columbia Dept. of Parks and Recreation    | 800                        |                          | ***                 |
| San Jose Parks, Recreation & Neighborhood Services    | 3,748                      |                          | ***                 |
| Sacramento Office of Parks and Recreation             | 3,394                      |                          | ***                 |
| Albuquerque Parks & General Services                  | 15,901                     |                          | ***                 |
| Nashville/Davidson Metro Bd of Parks & Recreation     | 10,272                     |                          | ***                 |
| Tampa Recreation Department                           |                            |                          | ***                 |
| National Capital Region, National Park Service (D.C.) | 6,776                      |                          | ***                 |
| New Orleans Recreation Department                     | 560                        |                          | ***                 |
| Detroit Recreation Department                         | 5,890                      |                          | ***                 |
| Philadelphia Department of Recreation                 | 1,400                      |                          | ***                 |
| Miami Parks and Recreation Department                 | 1,100                      |                          | ***                 |
| Pittsburgh Dept of Parks and Recreation               | 2,691                      |                          | ***                 |

## *Acres of Parkland per 1000 Residents, by City Agency*

| <i>Agency</i>                                    | <i>Place<br/>Population</i> | <i>Park/Open<br/>Space Acres</i> | <i>Acres per 1000<br/>Residents</i> |
|--|-----------------------------|----------------------------------|-------------------------------------|
| Jacksonville Dept of Parks, Recreation & Entert  | 736,000                     | 39,424                           | 53.6                                |
| Oklahoma City Dept of Parks and Recreation       | 506,000                     | 21,634                           | 42.8                                |
| Albuquerque Parks & General Services             | 449,000                     | 15,901                           | 35.4                                |
| San Diego Park and Recreation Department         | 1,223,000                   | 35,535                           | 29.1                                |
| Fort Worth Parks and Community Services          | 535,000                     | 14,410                           | 26.9                                |
| Phoenix Department of Parks and Recreation       | 1,321,000                   | 35,344                           | 26.8                                |
| Kansas City, Mo., Dept of Parks, Recreation & B  | 442,000                     | 11,500                           | 26.0                                |
| Austin Parks and Recreation                      | 657,000                     | 16,512                           | 25.1                                |
| Colorado Springs Parks and Recreation Departm    | 361,000                     | 8,950                            | 24.8                                |
| Mecklenburg County Parks and Recreation          | 695,000                     | 16,472                           | 23.7                                |
| Wichita Parks and Recreation Department          | 244,000                     | 6,773                            | 19.7                                |
| Louisville and Jefferson County Parks Departme   | 694,000                     | 13,509                           | 19.5                                |
| Portland Parks and Recreation                    | 529,000                     | 10,027                           | 19.0                                |
| Nashville/Davidson Metro Bd of Parks & Recre     | 545,000                     | 10,272                           | 18.8                                |
| Dallas Parks and Recreation Dept                 | 1,189,000                   | 21,670                           | 18.2                                |
| Milwaukee County Parks                           | 940,000                     | 15,115                           | 16.1                                |
| Cincinnati Park Board                            | 331,000                     | 5,231                            | 15.8                                |
| Tulsa City Park and Recreation Department        | 393,000                     | 6,105                            | 15.5                                |
| Minneapolis Park and Recreation Dept.            | 383,000                     | 5,694                            | 14.9                                |
| San Antonio Parks and Recreation Department      | 1,145,000                   | 15,668                           | 13.7                                |
| Indianapolis Parks and Recreation Dept           | 792,000                     | 10,176                           | 12.8                                |
| Arlington Parks and Recreation Department        | 333,000                     | 4,151                            | 12.5                                |
| National Capital Region, National Park Service ( | 572,000                     | 6,776                            | 11.8                                |
| Denver Parks and Recreation Department           | 555,000                     | 6,251                            | 11.3                                |
| Seattle Department of Parks and Recreation       | 563,000                     | 6,019                            | 10.7                                |
| Houston Parks and Recreation Department          | 1,954,000                   | 19,825                           | 10.1                                |
| Columbus Recreation and Parks Department         | 711,000                     | 7,108                            | 10.0                                |
| Baltimore City Dept of Recreation and Parks      | 651,000                     | 5,706                            | 8.8                                 |
| St. Louis Dept of Parks, Recreation & Forestry   | 348,000                     | 3,001                            | 8.6                                 |

| <i>Agency</i>                                   | <i>Place<br/>Population</i> | <i>Park/Open<br/>Space Acres</i> | <i>Acres per 1000<br/>Residents</i> |
|---|-----------------------------|----------------------------------|-------------------------------------|
| Honolulu Department of Parks and Recreation     | 876,000                     | 7,482                            | 8.5                                 |
| Sacramento Office of Parks and Recreation       | 407,000                     | 3,394                            | 8.3                                 |
| Pittsburgh Dept of Parks and Recreation         | 335,000                     | 2,691                            | 8.0                                 |
| Atlanta Dept of Parks and Recreation            | 416,000                     | 3,210                            | 7.7                                 |
| Mesa Parks, Recreation & Cultural Division      | 396,000                     | 3,007                            | 7.6                                 |
| Memphis Division of Park Services               | 650,000                     | 4,852                            | 7.5                                 |
| Toledo Department of Parks, Recreation, and Fo  | 314,000                     | 2,206                            | 7.0                                 |
| Tampa Parks Department                          | 303,000                     | 2,022                            | 6.7                                 |
| Las Vegas Parks and Open Spaces Division        | 478,000                     | 3,065                            | 6.4                                 |
| Detroit Recreation Department                   | 951,000                     | 5,890                            | 6.2                                 |
| Long Beach Parks, Recreation & Marine           | 462,000                     | 2,792                            | 6.0                                 |
| Fairmount Park Commission (Philadelphia)        | 1,518,000                   | 8,900                            | 5.9                                 |
| Tucson Parks & Recreation                       | 487,000                     | 2,835                            | 5.8                                 |
| Virginia Beach Department of Parks and Recrea   | 425,000                     | 2,311                            | 5.4                                 |
| Oakland Office of Parks, Recreation, & Cultural | 399,000                     | 2,056                            | 5.2                                 |
| Metropolitan District Commission (Boston)       | 589,000                     | 2,950                            | 5.0                                 |
| Cincinnati Recreation Commission                | 331,000                     | 1,624                            | 4.9                                 |
| San Francisco Recreation and Park Department    | 777,000                     | 3,317                            | 4.3                                 |
| Los Angeles Dept of Recreation and Parks        | 3,695,000                   | 15,518                           | 4.2                                 |
| San Jose Parks, Recreation & Neighborhood Ser   | 895,000                     | 3,748                            | 4.2                                 |
| Boston Dept of Parks and Recreation             | 589,000                     | 2,260                            | 3.8                                 |
| New York City Dept of Parks and Recreation      | 8,008,000                   | 27,614                           | 3.4                                 |
| Audubon Nature Institute                        | 485,000                     | 1,600                            | 3.3                                 |
| El Paso Parks & Recreation Dept.                | 564,000                     | 1,855                            | 3.3                                 |
| Golden Gate National Recreation Area (S.F.)     | 777,000                     | 2,428                            | 3.1                                 |
| New Orleans City Park Improvement Associatio    | 485,000                     | 1,500                            | 3.1                                 |
| Fresno Parks, Recreation and Community Servi    | 428,000                     | 1,323                            | 3.1                                 |
| Miami Parks and Recreation Department           | 362,000                     | 1,100                            | 3.0                                 |
| New Orleans Parks and Parkways Department       | 485,000                     | 1,414                            | 2.9                                 |
| Cleveland Dept of Parks, Recreation & Property  | 478,000                     | 1,391                            | 2.9                                 |
| Chicago Park District                           | 2,896,000                   | 7,373                            | 2.5                                 |
| Tampa Sports Authority                          | 303,000                     | 479                              | 1.6                                 |

| <i>Agency</i>                                      | <i>Place<br/>Population</i> | <i>Park/Open<br/>Space Acres</i> | <i>Acres per 1000<br/>Residents</i> |
|--|-----------------------------|----------------------------------|-------------------------------------|
| District of Columbia Dept. of Parks and Recreation | 572,000                     | 800                              | 1.4                                 |
| Forest Preserve District of Cook County (Chicago)  | 2,896,000                   | 3,690                            | 1.3                                 |
| New Orleans Recreation Department                  | 485,000                     | 560                              | 1.2                                 |
| Cleveland Lakefront State Park                     | 478,000                     | 476                              | 1.0                                 |
| Philadelphia Department of Recreation              | 1,518,000                   | 1,400                            | 0.9                                 |
| Gateway National Recreation Area                   | 8,008,000                   | 7,138                            | 0.9                                 |
| Tower Grove Park Commission (St. Louis)            | 348,000                     | 289                              | 0.8                                 |
| Tampa Recreation Department                        | 303,000                     |                                  |                                     |

*Average, All Agencies: 11.0*

*Draft*

## *Acres, Designed, per Employee*

| <i>Agency</i>  | <i>Full Time<br/>Employees</i> | <i>Designed<br/>Acres</i> | <i>Designed Acres<br/>per Employee</i> |
|--|--------------------------------|---------------------------|--|
| Oklahoma City Dept of Parks and Recreation             | 219                            | 9,616                     | 43.9                                   |
| Fort Worth Parks and Community Services                | 287                            | 9,647                     | 33.6                                   |
| Cincinnati Park Board                                  | 119                            | 3,849                     | 32.3                                   |
| Indianapolis Parks and Recreation Dept                 | 206                            | 4,502                     | 21.9                                   |
| San Diego Park and Recreation Department               | 855                            | 14,412                    | 16.9                                   |
| Jacksonville Dept of Parks, Recreation & Entertainment | 387                            | 6,444                     | 16.7                                   |
| Dallas Parks and Recreation Dept                       | 900                            | 14,170                    | 15.7                                   |
| Fairmount Park Commission (Philadelphia)               | 217                            | 3,400                     | 15.7                                   |
| Milwaukee County Parks                                 | 485                            | 7,538                     | 15.5                                   |
| Mecklenburg County Parks and Recreation                | 368                            | 5,354                     | 14.5                                   |
| Houston Parks and Recreation Department                | 1,345                          | 19,168                    | 14.3                                   |
| Columbus Recreation and Parks Department               | 382                            | 4,859                     | 12.7                                   |
| Toledo Department of Parks, Recreation, and Forestry   | 92                             | 974                       | 10.6                                   |
| Baltimore City Dept of Recreation and Parks            | 291                            | 3,079                     | 10.6                                   |
| Kansas City, Mo., Dept of Parks, Recreation & Blvds    | 505                            | 5,300                     | 10.5                                   |
| Louisville and Jefferson County Parks Department       | 444                            | 4,631                     | 10.4                                   |
| Tower Grove Park Commission (St. Louis)                | 29                             | 289                       | 10.0                                   |
| Colorado Springs Parks and Recreation Department       | 174                            | 1,685                     | 9.7                                    |
| Long Beach Parks, Recreation & Marine                  | 280                            | 2,613                     | 9.3                                    |
| Arlington Parks and Recreation Department              | 208                            | 1,922                     | 9.2                                    |
| Boston Dept of Parks and Recreation                    | 235                            | 2,166                     | 9.2                                    |
| Mesa Parks, Recreation & Cultural Division             | 171                            | 1,558                     | 9.1                                    |
| New York City Dept of Parks and Recreation             | 2,076                          | 18,617                    | 9.0                                    |
| Gateway National Recreation Area                       | 200                            | 1,670                     | 8.4                                    |
| Austin Parks and Recreation                            | 508                            | 4,056                     | 8.0                                    |
| Las Vegas Parks and Open Spaces Division               | 107                            | 817                       | 7.6                                    |
| Virginia Beach Department of Parks and Recreation      | 282                            | 2,144                     | 7.6                                    |
| Nashville/Davidson Metro Bd of Parks & Recreation      | 513                            | 3,667                     | 7.1                                    |
| Memphis Division of Park Services                      | 413                            | 2,911                     | 7.0                                    |
| Atlanta Dept of Parks and Recreation                   | 215                            | 1,477                     | 6.9                                    |



| <i>Agency</i>   | <i>Full Time<br/>Employees</i> | <i>Designed<br/>Acres</i> | <i>Designed Acres<br/>per Employee</i> |
|---|--------------------------------|---------------------------|--|
| Honolulu Department of Parks and Recreation             | 798                            | 4,686                     | 5.9                                    |
| Cincinnati Recreation Commission                        | 255                            | 1,476                     | 5.8                                    |
| Tampa Parks Department                                  | 305                            | 1,611                     | 5.3                                    |
| Portland Parks and Recreation                           | 386                            | 2,027                     | 5.3                                    |
| San Antonio Parks and Recreation Department             | 846                            | 4,331                     | 5.1                                    |
| Seattle Department of Parks and Recreation              | 910                            | 4,562                     | 5.0                                    |
| Minneapolis Park and Recreation Dept.                   | 600                            | 3,000                     | 5.0                                    |
| Fresno Parks, Recreation and Community Services         | 206                            | 1,022                     | 5.0                                    |
| New Orleans City Park Improvement Association           | 312                            | 1,500                     | 4.8                                    |
| Denver Parks and Recreation Department                  | 859                            | 3,947                     | 4.6                                    |
| Los Angeles Dept of Recreation and Parks                | 1,853                          | 8,501                     | 4.6                                    |
| Tucson Parks & Recreation                               | 483                            | 2,173                     | 4.5                                    |
| Cleveland Dept of Parks, Recreation & Property          | 330                            | 1,391                     | 4.2                                    |
| Sacramento Office of Parks and Recreation               | 362                            | 1,470                     | 4.1                                    |
| Oakland Office of Parks, Recreation, & Cultural Affairs | 264                            | 990                       | 3.8                                    |
| Miami Parks and Recreation Department                   | 318                            | 1,100                     | 3.5                                    |
| San Jose Parks, Recreation & Neighborhood Services      | 561                            | 1,900                     | 3.4                                    |
| Chicago Park District                                   | 2,162                          | 7,028                     | 3.3                                    |
| Phoenix Department of Parks and Recreation              | 1,177                          | 3,435                     | 2.9                                    |
| Philadelphia Department of Recreation                   | 550                            | 1,400                     | 2.5                                    |
| New Orleans Parks and Parkways Department               | 231                            | 417                       | 1.8                                    |
| District of Columbia Dept. of Parks and Recreation      | 589                            | 500                       | 0.8                                    |
| Forest Preserve District of Cook County (Chicago)       | 850                            | 185                       | 0.2                                    |
| Albuquerque Parks & General Services                    | 314                            | 0                         | 0.0                                    |
| Wichita Parks and Recreation Department                 | 211                            | 0                         | 0.0                                    |
| El Paso Parks & Recreation Dept.                        | 186                            | 0                         | 0.0                                    |
| Tulsa City Park and Recreation Department               | 504                            | 0                         | 0.0                                    |
| Cleveland Lakefront State Park                          | 34                             | 0                         | 0.0                                    |
| New Orleans Recreation Department                       | 251                            | 0                         | 0.0                                    |
| Tampa Recreation Department                             | 182                            | 0                         | 0.0                                    |
| San Francisco Recreation and Park Department            | 1,197                          | 0                         | 0.0                                    |
| Detroit Recreation Department                           | 620                            | 0                         | 0.0                                    |

| <i>Agency</i>   | <i>Full Time<br/>Employees</i> | <i>Designed<br/>Acres</i> | <i>Designed Acres<br/>per Employee</i> |
|---|--------------------------------|---------------------------|--|
| St. Louis Dept of Parks, Recreation & Forestry        | 192                            | 0                         | 0.0                                    |
| Pittsburgh Dept of Parks and Recreation               | 148                            | 0                         | 0.0                                    |
| Golden Gate National Recreation Area (S.F.)           |                                | 0                         |  |
| National Capital Region, National Park Service (D.C.) |                                | 3,148                     |  |
| Audubon Nature Institute                              |                                | 600                       |  |
| Metropolitan District Commission (Boston)             |                                | 1,800                     |  |
| Tampa Sports Authority                                |                                | 0                         |  |
|   | Average                        |                           | 7.9                                    |

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